

FIG. 2A



FIG. 2C

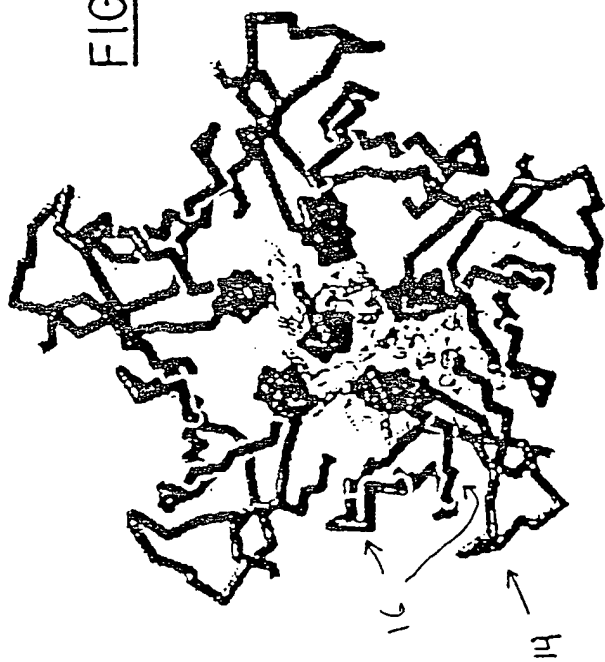


FIG. 2B

Acc I
Loop 1

50-AAG GTG GAG TAT ACA AAA TAT AAT [ NNS NNS NNS NNS NNS ] ACA  
 GTT AAA

Sac I
Loop 2

GTG GGT GAT AAA GAA TTA [ NNS NNS NNS NNS ] TGG AAT CTT CAG TCT C

FIG. 3A

Pst I  
50-TAC GTA CTG CAG CTC CAG TCA ACG AAA AAT AAC TTC GCT GAA TCC  
ACC GCC ATT ATG GCA CGC GTT AGT TTT AAT GGT TAC AGT CAT ACC GGT  
AAT TTG CGC ACT GAG AAG AAG AGA CTG AAG ATT CC-30

FIG. 3B

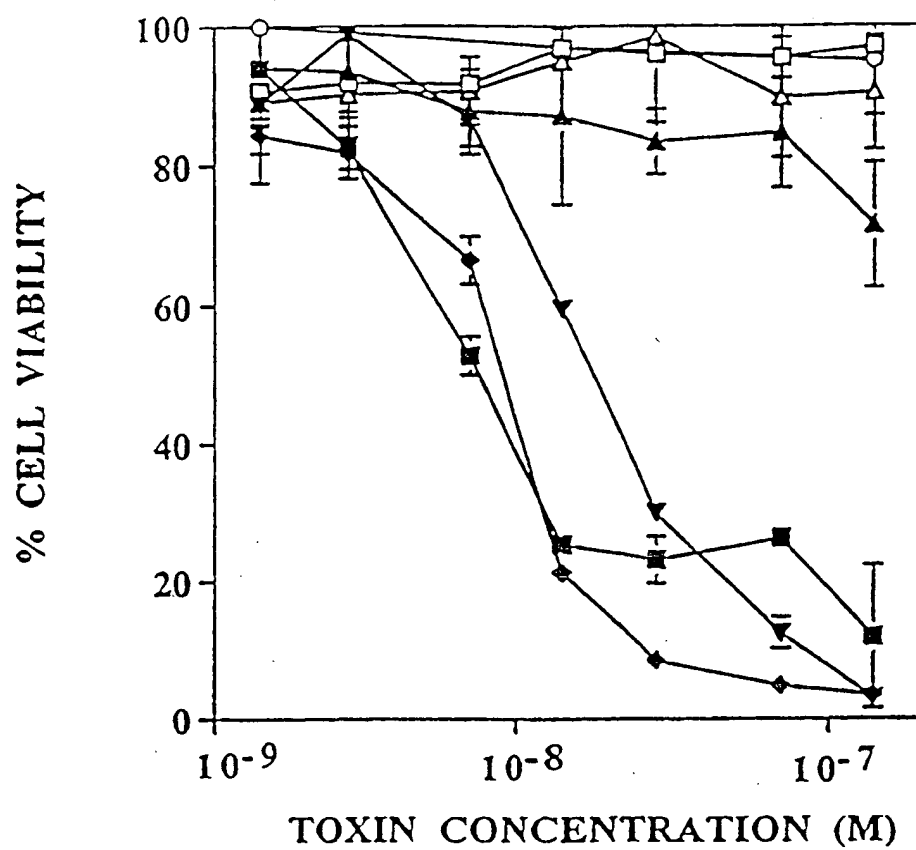


FIGURE 4

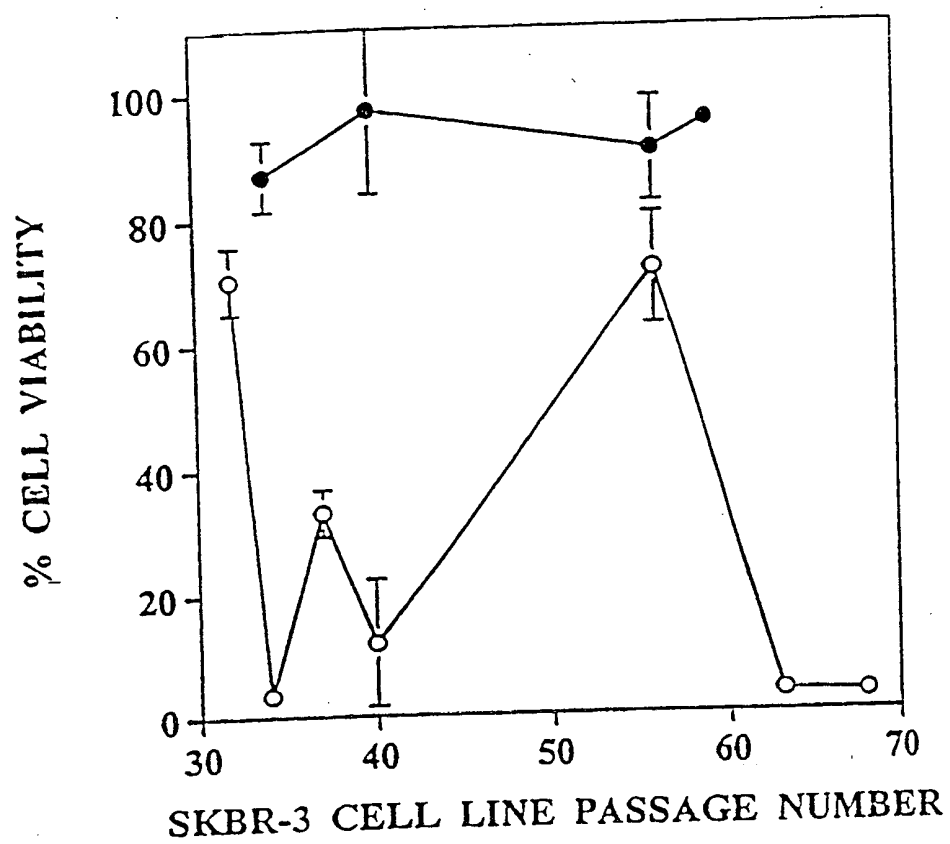


FIGURE 5

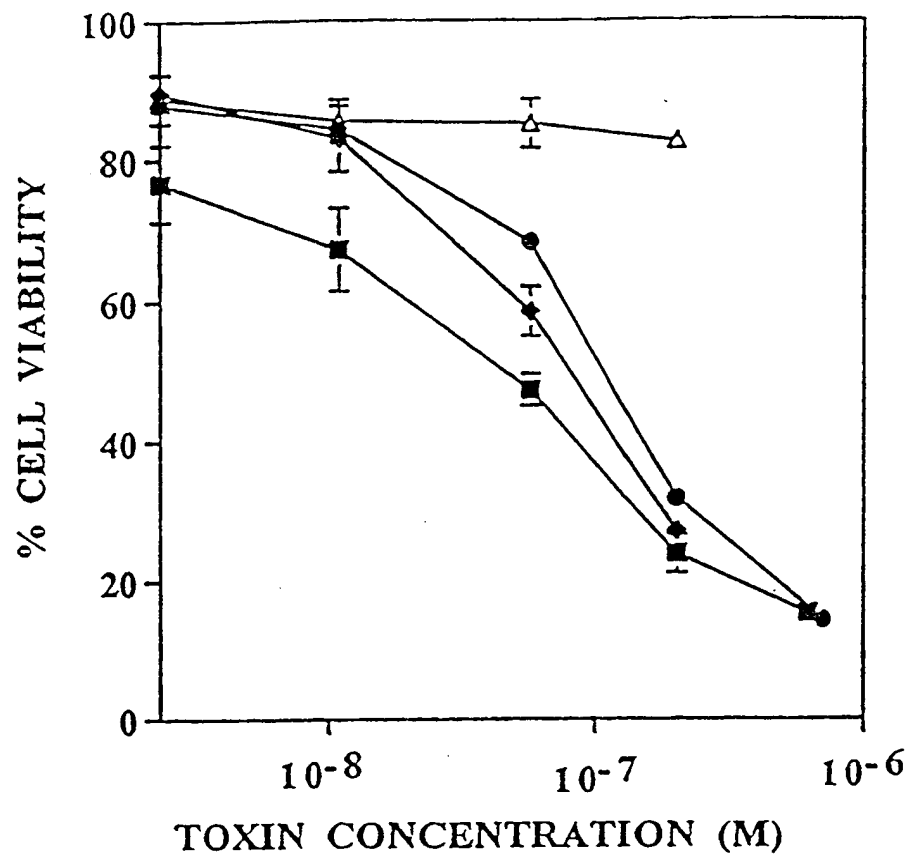


FIGURE 6

SEQ. ID. NO. 1:

(see also Figure 1A)

- 5 SHIGA-LIKE TOXIN 1, A subunit (VEROTOXIN 1, SUBUNIT A)  
(SLT-1) (tRNA N-GLYCOSIDASE) (EC 3.2.2.22).

293 amino acids

10 KEFTLDFSTA KTYVDSLNI RSAIGTPLQT ISSGGTSLLM  
IDSGSGDNLF AVDVRGIDPE EGRFNNLRLL VERNNLYVTG  
FVNRTNNVFY RFADFSHVTF PGTTAVTLTG DSSYTTLQRV  
AGISRTGMQI NRHSLTTSYL DLMSHSGTSL TQSVARAMLR  
FVTVTAEALR FRQIQRGFRT TLDDLGRSY VMTAEDVDLT  
15 LNWGRLSSVL PDYHGQDSVR VGRISFGSIN AILGSVALIL  
NCHHHASRVA RMASDEFPSM CPADGRVRGI THNKILWDSS  
TLGAILMRRT ISS

20

SEQ. ID. NO. 2:

(see also Figure 1B)

- 25 SHIGA TOXIN, B subunit (SHIGA-LIKE TOXIN 1, SUBUNIT B)  
(VEROTOXIN 1, SUBUNIT B).

69 amino acids

30 TPDCVTGKVE YTKYNDDDTF TVKVGDKELF TNRWNLQSL  
LSAQITGMTV TIKTNACHNG GGFSEVIFR

SEQ. ID. NO. 3:

(see also Figure 3A)

5'-AAGGTGGAGTATACAAAATATAAT[NNSNNSNNSNNSNNS]ACA  
5 GTTAAAGTGGGTGATAAAGAATTA[NNSNNSNNSNNS]TGGAATCT  
TCAGTCTC-3'

10

SEQ. ID. NO. 4:

(see also Figure 3B)

5'-TACGTACTGCAGCTCGAGTCAACGAAAAATAACTTCGCTGAATCCA  
15 CCGCCATTATGGCACGCGTTAGTTTTAATGGTTACAGTCATACCGGTA  
ATTTGCGCACTGAGAAGAAGAGACTGAAGATTCC-3'

20

SEQUENCE LISTING

<110> Gariepy, Jean

Bray, Mark R

<120> Cytotoxic Heteromeric Protein Combinatorial Libraries

<130> ontca-46b

<140>

<141>

<150> CA2,222,993

<151> 1998-02-04

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 293

<212> PRT

<213> Shigella dysenteriae